

ROCKETLINX

INDUSTRIAL ETHERNET SWITCH PRODUCT COMPARISON CHART



Industrial Ethernet Switch	RocketLinX ES8105 (32025-8)	RocketLinX ES8105-XT (32024-1)	RocketLinX ES8105F-S (32026-5) & ES8105F-M (32027-2)	RocketLinX ES8105F-S-XT (32028-9) & ES8105F-M-XT (32029-6)
HARDWARE				
Managed/Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged
Total Ports	5	5	5	5
10/100BASE-TX Ports	5	5	4	4
10/100/1000BASE-TX Ports	N/A	N/A	N/A	N/A
Fiber Ports	N/A	N/A	1 (100BASE-FX)	1 (100BASE-FX)
Fiber Support	N/A	N/A	2KM (Multi-Mode) 30KM(Single-Mode)	2KM (Multi-Mode) 30KM(Single-Mode)
Fiber Connector	N/A	N/A	Duplex SC	Duplex SC
AC Power Input	18-27V	18-27V	18-27V	18-27V
DC Power Input	18-32V	18-32V	18-32V	18-32V
Power Consumption	Max. 3 Watts	Max. 3 Watts	Max. 4 Watts	Max. 4 Watts
Alarm Relay Output	1A, 24VDC	1A, 24VDC	1A, 24VDC	1A, 24VDC
DI/DO	N/A	N/A	N/A	N/A
ENVIRONMENTAL				
Operating Temperature	-25 to 70°C	-40 to 75°C	-10 to 60°C	-40 to 75°C
MTBF	93.45 Years	93.45 Years	81.45 Years	81.45 Years
MECHANICAL				
Mounting Method	DIN rail	DIN rail	DIN rail	DIN rail
Case Protection	IP31	IP31	IP31	IP31
CERTIFICATIONS				
NEMA TS2	No	No	No	No
Railway Vibration/Shock	No	No	No	No
CE/FCC/UL/RoHS2	CE/FCC/UL/RoHS2	CE/FCC/UL 508 Class 1 Div 2/RoHS2	CE/FCC/UL/RoHS2	CE/FCC/UL 508 Class 1 Div 2/RoHS2
Warranty	5 Years	5 Years	5 Years	5 Years



Industrial Ethernet Switch	RocketLinx ES8105-GigE (32075-3)	RocketLinx ES8108 (32055-5)	RocketLinx ES8108-XT (32054-8)	RocketLinx ES8108F-S (32056-2) & ES8108F-M (32057-9)
HARDWARE				
Managed/Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged
Total Ports	5	8	8	8
10/100BASE-TX Ports	N/A	8	8	6
10/100/1000BASE-TX Ports	5	N/A	N/A	N/A
Fiber Ports	N/A	N/A	N/A	2 (100BASE-FX)
Fiber Support	N/A	N/A	N/A	2KM (Multi-Mode) 30KM(Single-Mode)
Fiber Connector	N/A	N/A	N/A	Duplex SC
AC Power Input	N/A	N/A	N/A	N/A
DC Power Input	12-48V	10-60VDC	10-60VDC	10-60VDC
Power Consumption	Max 8 Watts	Max. 3 Watts	Max. 3 Watts	Max. 6 Watts
Alarm Relay Output	1A, 24VDC	1A, 24VDC	1A, 24VDC	1A, 24VDC
DI/DO	N/A	N/A	N/A	N/A
ENVIRONMENTAL				
Operating Temperature	-10 to 70°C	-25 to 70°C	-40 to 75°C	-10 to 70°C
MTBF	29 Years	146.6 Years	146.6 Years	103.1 Years
MECHANICAL				
Mounting Method	DIN rail	DIN rail	DIN rail	DIN rail
Case Protection	IP31	IP31	IP31	IP31
CERTIFICATIONS				
NEMA TS2	No	No	No	No
Railway Vibration/Shock	No	No	No	No
CE/FCC/UL/RoHS2	CE/FCC/UL/RoHS2	CE/FCC/UL/RoHS2	CE/FCC/UL 508 Class 1 Div 2/RoHS2	CE/FCC/UL/RoHS2
Warranty	5 Years	5 Years	5 Years	5 Years

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INDUSTRIAL ETHERNET SWITCH PRODUCT COMPARISON CHART (continued)



Industrial Ethernet Switch	RocketLinx ES8108F-S-XT (32059-3) & ES8108F-M-XT (32058-6)	RocketLinx ES8108-GigE (32085-2)	RocketLinx ES8508-XT (32010-4)	RocketLinx ES8508F-S-XT (32011-1) & ES8508F-M-XT (32012-8)
HARDWARE				
Managed/Unmanaged	Unmanaged	Unmanaged	Managed	Managed
Total Ports	8	8	8	8
10/100BASE-TX Ports	6	0	8	6
10/100/1000BASE-TX Ports	N/A	8	0	0
Fiber Ports	2 (100BASE-FX)	N/A	N/A	2 (100BASE-FX)
Fiber Support	2KM (Multi-Mode) 30KM (Single-Mode)	N/A	N/A	2KM (Multi-Mode) 30KM (Single-Mode)
Fiber Connector	Duplex SC	N/A	N/A	Duplex SC
AC Power Input	N/A	N/A	N/A	N/A
DC Power Input	10-60VDC	12-48VDC	10-60VDC	10-60VDC
Power Consumption	Max. 6 Watts	Max. 8 Watts	Max. 15 Watts	Max. 15 Watts
Alarm Relay Output	1A, 24VDC	1A, 24VDC	1A, 24VDC	1A, 24VDC
DI/DO	N/A	N/A	1 DI, 1 DO (Alarm Relay Output)	1 DI, 1 DO (Alarm Relay Output)
ENVIRONMENTAL				
Operating Temperature	-40 to 75°C	-10 to 70°C	-40 to 75°C	-40 to 75°C
MTBF	103.1 Years	29 Years	79.98 Years	75.4 Years
MECHANICAL				
Mounting Method	DIN rail	DIN rail	DIN rail	DIN rail
Case Protection	IP31	IP31	IP31	IP31
CERTIFICATIONS				
NEMA TS2	No	No	Yes	Yes
Railway Vibration/Shock	No	No	EN 50121-4/-1 IEC 61373	EN 50121-4/-1 IEC 61373
CE/FCC/UL/RoHS2	CE/FCC/UL 508 Class 1 Div 2/ RoHS2	CE/FCC/UL/RoHS2	CE/FCC/RoHS2	CE/FCC/RoHS2
Warranty	5 Years	5 Years	5 Years	5 Years



Industrial Ethernet Switch	RocketLinX ES8509-XT (32065-4)	RocketLinX ES8510 (32060-9) & ES8510-XT (32061-6)	RocketLinX ES8510-XTE (32062-3)	RocketLinX ES8520-XT (32142-2)	RocketLinX ES9528 (32070-8) & ES9528-XT (32073-9)
HARDWARE					
Managed/Unmanaged	Managed	Managed	Managed	Managed	Managed
Total Ports	9	10	10	20	28
10/100BASE-TX Ports	0	7	7	16	24
10/100/1000BASE-TX Ports	4	3	3	4	4
Fiber Ports	5 Combo RJ45/SFP (Giga & 100BASE-FX)	3 Combo RJ45/SFP (Giga & 100BASE-FX)	3 Combo RJ45/SFP (100BASE-FX)	4 Gigabit RJ45/SFP combo ports	4 Combo RJ45/SFP (Giga)
Fiber Support	2KM (Multi-Mode) 30KM (Single-Mode)	2KM (Multi-Mode) 30KM (Single-Mode)	2KM (Multi-Mode) 30KM (Single-Mode)	2KM (Multi-Mode) 30KM (Single-Mode)	2KM (Multi-Mode) 30KM (Single-Mode)
Fiber Connector	Duplex LC	Duplex LC	Duplex LC	Duplex LC	Duplex LC
AC Power Input	N/A	N/A	N/A	N/A	90-264VAC
DC Power Input	10.5-60VDC	12-48VDC	12-48VDC	9.6 to 60VDC	N/A
Power Consumption	Max. 24 Watts	Max. 20 Watts	Max 24 Watts	Max. 20 Watts	Max. 20 Watts
Alarm Relay Output	1A, 30VDC	1A, 24VDC	1A, 24VDC	N/A	N/A
DI/DO	1DI, 1 DO (Alarm Relay Output)	2DI, 2 DO (Alarm Relay Output)	2DI, 2 DO (Alarm Relay Output)	1DI, 1 DO (Alarm Relay Output)	N/A
ENVIRONMENTAL					
Operating Temperature	-40° to 75°C	-20° to 70°C, -40° to 74°C (XT)	-40° to 74°C	-40 to 75°C	-25° to 70°C, -40° to 74°C(XT)
MTBF	48.62 Years	28.53 Years 43.76 Years (XT)	34.6 Years	28.53 years	25.11 Years
MECHANICAL					
Mounting Method	DIN rail	DIN rail	DIN rail	DIN rail	Rack mount
Case Protection	IP31	IP31	IP31	IP30	IP31
CERTIFICATIONS					
NEMA TS2	NEMA TS2	NEMA TS2 (XT)	NEMA TS2	NEMA TS2	NEMA TS2 (XT)
Railway Vibration/Shock	No	No	No	No	No
CE/FCC/UL/RoHS2	CE/FCC/UL/RoHS2	CE/FCC/UL/RoHS2	CE/FCC/UL/RoHS2	CE/FCC/UL/RoHS2	CE/FCC/UL/RoHS2
Warranty	5 Years	5 Years	5 Years	5 Years	5 Years